SHMYREV, A.G., inzh.

Signaling, central control and block systems for railroad runs.
Avtom., telem. i sviaz' no.11:11-13 N '57. (MLRA 10:11)
(Railroads--Signaling)

SHMYREV, A.G., inzh.

Switching over automatic block systems on electrified sections. Avtom., telem. i sviaz' no.12:17-21 D '57. (MIRA 10:12)
(Railroads--Signaling--Block systems)

SHMYREV, A.G., inzh.

Redesigning signaling, central control, block system, and communication system installations for electrified railroad lines. Zhel. dor. transp. 40 no.5:37-40 My '58. (MIRA 11:6)
(Electric railroads--Signaling--Block system)
(Electric railroads--Communication systems)

SHMYREV, A.G.

Connecting new switches into electric interlocking systems. Avtom., telem. i sviaz'. 4 no.5:17-18 My '60. (MIRA 13:8)

1. Nachal'nik tekhnicheskogo otdela Glavnogo upravleniya signalizatsii i svyazi Ministerstva putey soobshcheniya.
(Railroads--Signaling--Interlocking system)
(Railroads--Switches)

NIKOL'SKIY, Aleksandr Aleksandrovich; DYSKIN, Itskhok Efraimovich; SOKOLOV, Mikhail Ivanovich; SHMYREV, A.G., inzh., retsenzent; NOVIKAS, M.N., inzh., red.; MEDVEDEVA, M.A., tekhn. red.

[Winning the high title; work practices of the collective of the route control interlocking system point of the Chelyabinsk Station of the Southern Urals Railroad] Vysokoe zvanie zavoevano; opyt raboty kollektiva posta marshrutno-releinoi tsentralizatsii stantsii Cheliabinsk IUzhno-Ural'skoi zh.d. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 15 p. (MIRA 15:2)

(Chelyabinsk--Railroads--Signaling--Interlocking systems)
(Railroads--Labor productivity)

KATSALAPENKO, V.I., inzh., retsenzent; LEONOV, A.A., inzh., retsenzent; MIRSKIY, A.G., inzh., retsenzent; POGODIN, A.M., inzh., retsenzent; SHARSKIY, A.A., kand. tekhn.nauk, retsenzent; FRUMSON, A.N., inzh., retsenzent; SHMYREV, A.G., inzh., retsenzent; YURTSEV, I.I., inzh., retsenzent; BUNINA, D.A., inzh., red.; MEDVEDEVA, M.A., tekhn. red.

[Automatic control, remote control, and communications on a.c. railroads] Avtomatika, telemekhanika i sviaz' na zheleznykh dorogakh s elektrotiagoi peremennogo toka; sbornik statei. Pod obshchei red. D.A.Bunina. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 201 p. (MIRA 15:2)

(Electric railroads--Electronic equipment)
(Automatic control) (Remote control)

SHMYREV, Aleksandr Georgiyevich; VAKHNIN, M.I., doktor tekhn. nauk, prof., retsenzent; YEFREMOV, M.I., retsenzent; MARENKOVA, G.I., inzh., red.; KHITROVA, N.A., tekhn. red.

[Handbook on automation and remote control on railroads] Spravochnik po zheleznodorozhnoi avtomatike i telemekhanike. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 311 p. (MIRA 15:3)
(Railroads) (Automation) (Remote control)

SHMYREV, A.G.

Technological innovations should receive wide acclaim.
Avtom., telem. i sviaz' 6 no.6:20-21 Je '62. (MIRA 15:7)

1. Zamestitel' rukovoditelya byuro sektsii signalizatsii, tsentralizatsii, blokirovki i svyazi TSentral'nogo pravleniya nauchno-tekhnicheskogo obshchestva zheleznodorozhnogo transporta.
(Railroads—Technological innovations)

SMYREV, Aleksandr Georgiyevich; MARENKOVA, G.I., red.

[Automatic signaling on railroad crossings] Avtomaticheskaia signalizatsiia na zheleznodorozhnykh pereezdakh. Moskva, Transport, 1964. 151 p. (MIRA 17:12)

SHMYREV, A.N., kand.tekhn.nauk

A.N.Krylov's contribution to the science of ship stabilization.
Trudy NTO sud.prom. 7 no.2:21-32 '57. (MIRA 12:1)
(Stability of ships)

SHEYREV, Aleksandr Nestorovich; MORENSHIL'DT, Vera Aleksandrovna; IL'INA, Sof'ya Glebovna; FATEYEV, A.V., doktor tekhn. nauk, prof., retsenzent; KHOLODILIN, A.N., kand. tekhn. nauk, retsenzent; LEVITIN, S.G., inzh., retsenzent; GERASIMOV, A.V., kand.tekhn.nauk, nauch.red.; CHERTKOV, R.I., kand.fiz.-mat.nauk, nauch.red.; KAZAROV, Yu.S., red.; ERASTOVA, N.V., tekhn.red.

[Ship stabilizers] Uspokoiteli kachki sudov. Leningrad, Gos.soiuznoe izd-vo sudostroit. promyshl., 1961. 515 p. (MIRA 14:12)
(Stability of ships)

GORSHKOV, Aleksey Stepanovich; RUSETSKIY, Aleksandr Alekseyevich. Prinimal uchastiye ZEL'DIN, Ye.A.; SHMYREV, A.N., kand. tekhn. nauk, retsenzent; ROZHDESTVENSKIY, V.N., dots., retsenzent; IVANOV, A.N., kand. tekhn. nauk, nauchnyy red.; KAZAROV, Yu.S., red.; SHISHKOVA, L.M., tekhn. red.

[Cavitation pipes] Kavitatsionnye truby. Leningrad, Sudpromgiz, 1962. 165 p. (MIRA 16:2)
(Cavitation)

SHMYREV, A.N., kand. tekhn.nauk, inzhener-polkovnik; DROBLENKOV, V.F., kand. tekhn. nauk, inzhener-kapitan 2-go ranga

A useful handbook. Mor. sbor. 47 no.10:93 O '64. (MIRA 18:11)

ACC NR: AP6021988 (N) SOURCE CODE: UR/0375/66/000/004/0067/0075

AUTHOR: Shmyrev, A. N. (Engineer; Colonel; Doctor of Technical Sciences)

ORG: None

TITLE: Methods and criteria for an approximate evaluation of the seaworthiness of warships

SOURCE: Morskoy sbornik, no. 4, 1966, 67-75

TOPIC TAGS: combatant ship, correlation statistics, ~~military attaché, scientific research~~ propulsion performance, periodic motion, naval equipment, ~~ocean dynamics~~

ABSTRACT: Full utilization of combatant ship features depends on their behavior in a seaway. Ship's officers and staff planning officers must be able to evaluate behavior at sea and to compare such behavior from ship to ship. The manner in which such behavior is evaluated, and some of the criteria used, based on modern statistical ideas, is discussed. Characteristics such as roll, steering and underway performance, the taking of spray and wash aboard ship, are included in a summary evaluation of how a ship behaves at sea, and a formula for what is called the seaworthiness criterion is derived. The extensive data needed to use the formula can be obtained during combat training. All the above-mentioned factors must be taken into account, and the statistical data obtained from previous sea trials of

Card 1/2

Card 2/2

ACC NR: AP6033309 SOURCE CODE: UR/0375/66/000/010/0032/0039

AUTHOR: Shmyrev, A. N. (Doctor of technical sciences; Professor; Engineer; Colonel); Drobienko, V. F. (Candidate of technical sciences; Engineer; Captain of second rank)

ORG: none

TITLE: Hydrobionics serves the fleet

SOURCE: Morskoy sbornik, no. 10, 1966, 32-39

TOPIC TAGS: bionics, hydrobionics, marine engineering

ABSTRACT: Hydrobionics is a new branch of bionics dealing with the study of marine biological forms, their methods of locomotion, and the possible application of these principles to ship design and operation. Among the basic subjects of research are: development of new shapes for easier motion in water media as well as new propulsion units and control elements; development of new methods of transmitting, recording, measuring and detecting accoustic and other signals in water media; development of new reliable automatic control systems and systems for coding, transmission, processing, and storing of information; and accomplishing submersions to great depths. In addition to these basic subjects there are a number of individual topics which are of great importance to navigation, i.e., orientation, location, camouflage, temperature control in water media, and others.

SUB CODE: 06, 13/ SUBM DATE: none

Card 1/1

SHMYREV, I.K.; DONNER, A.D.; BARSKAYA, A.B.; KHM[illegible]NA, L.M.; BRAYYER, L.; PETROVSKIY, P.V.; FEDIN, E.I.

Program of computing nuclear magnetic resonance spectra of high resolution in the case of strong spin-spin interaction. Zhur. strukt. khim. 6 no. 4:625-[illegible] Jl-Ag '65 (MIRA 19:1)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti i Institut elementoorganicheskikh soyedineniy AN SSSR. Submitted April 14, 19[illegible]

VCHOB'YEV, G.M.; GRECHNYY, Ya.V.; KOTOVA, L.I.; SHNYREV, I.P.

Comparison of various methods of measuring the textural perfection of cold-rolled transformer steel. Zav. lab. 31 no.8:983-986 '65. (MIRA 18:9)

1. Dnepropetrovskiy metallurgicheskiy institut.

CHUYKO, N.M.; GRECHNYY, Ya.V.; GALITSKIY, Yu.P.; SHMYREV, I.P.; VOROB'YEV, G.M.

Annealing of transformer steel in high vacuum and at high temperatures. Izv. vys. ucheb. zav.; chern. met. 7 no.10: 49-54 '64. (MIRA 17:11)

1. Dnepropetrovskiy metallurgicheskiy institut.

SHMYREV, V.I.

SHMYREV, V.I.; PROVORNOV, S.M., kandidat tekhnicheskikh nauk, redaktor.

[Moving-picture films and projection apparatus] Kinofil'm i kinoproektsionnaia apparatura. Pod obshchei red. S.M. Provornova. Moskva, Iskusstvo, 1953. 402 p. (MLRA 7:7)
(Moving picture projection)

SHMYREV, Viktor Ivanovich; PROVORNOVA, S.M., kandidat tekhnicheskikh nauk, redaktor; RYSYMONT, L.O., redaktor; VORONTSOVA, Z.V., tekhnicheskiy redaktor

[Motion-picture film and motion-picture projection apparatus] Kinofil'm i kinoproektsionnaia apparatura. Pod red. S.M.Provornova. Izd. 2-oe, i dop. Moskva, Gos. izd-vo "Iskusstvo," 1956. 423 p. (Motion-picture projectors) (MLRA 10:2)

SHMYREV, V.I.; PROVORNOV, S.M., kand.tekhn.nauk, red.; ZYSYMONT, L.O., red.; MALEK, Z.N., tekhn.red.

[Motion-picture film and its projection] Kinofil'm i kinoproektsionnaia apparatura. Pod obshchei red. S.M.Provornova. Izd.3., perer. i dop. Moskva, Gos.izd-vo "Iskusstvo," 1961. 402 p. (MIRA 14:4)

(Motion-picture projection)

SHLYAKOV, Viktor Ivanovich. Prinimal uchastiye: PROVORNOV, S.M., prof. EYSYMONT, L.O., red.

[Motion-picture film and motion-picture projection equipment] Kinofil'm i kinoproektsionnaia apparatura. Izd.4., perer. i dop. Moskva, Izd-vo "Iskusstvo," 1964. 535 p. (MIRA 17:8)

25(1) PHASE I BOOK EXPLOITATION SOV/3421

Akademiya nauk URSR, Kiyev, Institut elektrosvarki imeni akademika Ye.O. Patona

Vnedreniye novykh sposobov svarki v promyshlennost', vyp. 2 (Introduction of New Welding Methods in Industry; Collection of Articles, No. 2) Kiyev, Gos. izd-vo tekhn. lit-ry Ukrainskoy SSR, 1959. 194 p. Errata slip inserted. 3,000 copies printed.

Ed.: V. Garkusha; Tech. Ed.: S. Matusevich.

PURPOSE: This book is intended for workers in the welding industry.

COVERAGE: The book contains a discussion of welding techniques and problems by groups of scientists and welders. Much attention is given to problems in the application of new methods of mechanized welding and electro-slag welding. This is the second collection of articles under the same title prepared and published by the Institut elektrosvarki imeni Ye.O. Patona (Institute of Electric Welding imeni Ye.O. Paton). The preface is written by B.Ye. Paton, Academician of the Ukrainian Academy of Sciences and Winner of the Lenin Prize. There are no references.

SHMYREV, V.P.

PHASE I BOOK EXPLOITATION SOV/5078

Akademiya nauk USSR, Kiyev. Institut elektrozvaryuvannya

Vnedreniye novykh sposobov svarki v promyshlennost'; sbornik statey. Vyp. 3. (Introduction of New Welding Methods in Industry; Collection of Articles. v. 3) Kiyev, Gos. izd-vo tekhn. lit-ry URSR, 1960. 207 p. 5,000 copies printed.

Sponsoring Agency: Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki imeni akademika Ye. O. Patona Akademii nauk Ukrainskoy SSR.

Ed.: M. Fisarenko; Tech. Ed.: S. Matusevich.

PURPOSE: This collection of articles is intended for personnel in the welding industry.

COVERAGE: The articles deal with the combined experiences of the Institut elektrosvarki imeni Ye. O. Patona (Electric Welding Institute imeni Ye. O. Paton) and several industrial enterprises in solving scientific and engineering problems in welding technology. Problems in the application of new methods of mechanized welding and electroslag welding in industry are discussed. This is the third collection of articles published under the same title. The Foreword was written by B. Ye. Paton, Academician of the Academy of Sciences Ukrainian SSR and Lenin prize winner. There are no references.

TABLE OF CONTENTS:

SHMYREVA, A.

Production begins in the laboratory. Prom.koop. 14 no.7:14 Jl '60. (MIRA 13:8)

1. Tekhnoruk arteli "Lyuberetskiy kozhevnik," g.Lyubertsy, Moskovskoy oblasti.
(Lyubertsy—Leather industry)

SHAULOV, Yu.Kh.; TUBYANSKAYA, V.S.; YEVSTEGNEYEVA, Ye.V.; SHMYREVA, G.O.

Determination of the enthalpies of formation of organoaluminum compounds. Part 1. Zhur. fiz. khim. 38 no.7:1779-1783 Jl '64. (MIRA 18:3)

L 27837-65 EWT(m)/EPF(c)/EPR/EWP(j)/EWA(h) Pc-4/Pr-4/Ps-4/Pi-4/Peb RPL 41 37B
BW/WW/JW/RM S/0076/65/039/001/0105/0109

ACCESSION NR: AP5004354

AUTHOR: Shaulov, Yu. Kh. (Moscow); Shmyreva, G. O. (Moscow); Tubyanskaya, V. A. (Moscow)

TITLE: Heat of formation of organoaluminum compounds. II. Heat of formation of triethylaluminum, diisobutylaluminum hydride, and diethylaluminum hydride

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 1, 1965, 105-109

TOPIC TAGS: organoaluminum compound, alkylaluminum, alkylaluminum hydride, heat of combustion, heat of formation.

ABSTRACT: An earlier study of heats of combustion and formation of organoaluminum compounds (Zhurnal fizicheskoy khimii, v. 38, 1964, 1779) was continued by measuring the heats of combustion at constant volume and physical properties of liquid triethylaluminum, diisobutylaluminum hydride and diethylaluminum hydride and by calculating the heats of evaporation and heats of combustion and formation under standard conditions. The specimens were purified by multiple vacuum rectification and their purity was determined by a linear dependence of of lg p upon 1/T; for diethylaluminum hydride this linearity was shown to be limited to temperatures above 100C. The specimens were burned in calorimetric bombs at 25 atm initial oxygen pressure and 23.6 or 25C initial temperature. The quantity of carbon dioxide formed

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L 27837-65

ACCESSION NR: AP5004354 4

was 97—100% of theoretical values and x-ray analysis proved that only α-alumina was formed. Heats of evaporation, and standard heats of combustion and formation were calculated. The latter, not accounting for heats of molecular association, are -51.9, -96.1, and -73.5 kcal/mol for triethylaluminum, diisobutylaluminum hydride, and diethylaluminum hydride, respectively, all values being based on the liquid state. The density and calculated normal boiling point for each compound are also given. "The authors acknowledge the assistance of A. A. Smolyaninova in the experimental work and thank A. F. Popov and N. N. Korneyev for supplying the samples studied." Orig. art. has: 4 tables, 1 figure, and 4 formulas. [08]

ASSOCIATION: none

SUBMITTED: 03Mar64 ENCL: 00 SUB CODE: OC, GC

NO REF SOV: 003 OTHER: 006 ATD PRESS: 3193

Card 2/2

L 44175-65 EPF(c)/EPR/EWT(m)/EWP(j) Pi-4/Pc-4/Pr-4/Ps-4 RPL WW/JW/RM

ACCESSION NR: AP5011473 UR/0076/65/039/004/1000/1002

AUTHOR: Yevstigneyeva, Ye. V.; Shmyreva, G. O.

TITLE: Heat of combustion of cyclopentadienylmanganese tricarbonyl

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 4, 1965, 1000-1002

TOPIC TAGS: heat of combustion, heat of formation, cyclopentadienylmanganese tricarbonyl

ABSTRACT: The following experimental value of the heat of combustion of pure cyclopentadienylmanganese tricarbonyl was obtained by burning the latter in a calorimetric bomb at an oxygen pressure of 30 atm: $\Delta H^{\circ}_{comb.} = -922.1 \pm 1$ kcal/mole. This value is an average from 8 determinations on 2 specimens of cyclopentadienylmanganese tricarbonyl containing 47.00% C, 2.15% H, 25.55% Mn, and 25.8% O. The calculated value of the heat of formation of $C_5H_5Mn(CO)_3$ was -125.5 ± 1 kcal/mole. [PS]

Orig. art. has: 1 table.

ASSOCIATION: none

SUBMITTED: 22Apr64 ENCL: 00 SUB CODE: FP, OC

NO REF SOV: 003 OTHER: 006 ATD PRESS: 3241

Card 1/1

L 14572-66 EWT(m)/EWP(j)/T WW/JW/JWD/WE/RM

ACC NR: AP6004180 SOURCE CODE: UR/0076/66/040/001/0122/0124

AUTHOR: Shaulov, Yu. Kh.; Shmyreva, G. O.; Tubyanskaya, V. S. 65

ORG: none

TITLE: Heat of combustion of ammonium borane

SOURCE: Zhurnal fizicheskoy khimii, v. 40, no. 1, 1966, 122-124

TOPIC TAGS: boron compound, borane, ammonium borane, heat of combustion, heat of formation

ABSTRACT: Heat of combustion at constant volume (ΔU) of ammonium borane BH_3NH_3 has been determined experimentally and its standard heat of formation ΔH_F^0 has been calculated. The exact value of ΔH_F^0 is necessary for solving problems connected with the synthesis of BH_3NH_3. ΔH_F^0 was calculated from the equation: $\Delta H_F^0(BH_3NH_3(cr)) = \Delta H_F^0(H_3BO_3(cr)) + 1.5\ \Delta H_F^0(H_2O(liq)) - \Delta H_C^0(BH_3NH_3(cr))$, where $\Delta H_F^0(H_3BO_3(cr))$ and $\Delta H_F^0(H_2O(liq))$ are data from the literature, and $\Delta H_C^0(BH_3NH_3(cr))$ is the standard heat of combustion of BH_3NH_3, which was calculated from the experimental ΔU. ΔU was determined calorimetrically by burning powdered BH_3NH_3 in oxygen under 30 atm at an initial temperature of 25 ±0.001C. Calorimetric procedure and analysis of combustion products

Card 1/2 UDC: 541.11

L 14572-66

ACC NR: AP6004180

(boric acid and nitrogen) were described. Combustion of powdered BH_3NH_3 was 99.5—100% complete and dispersion of data was 0.2%. The average $\Delta H_C^0(BH_3NH_3(cr))$ was -322.4 ±0.7 kcal/mol and the calculated $\Delta H_F^0(BH_3NH_3(cr))$ was -42.54 ±1.4 kcal/mol. Orig. art. has: 1 table and 3 formulas. [JK]

SUB CODE: 07/ SUBM DATE: 26Sep64/ ORIG REF: 003/ OTH REF: 006/
ATD PRESS: 4190

Card 2/2

ALEKHIN, N.I.; NOGIN, M.V.; FEDOROV, I.V.; SHMYREVA, L.M.

Welding hot-rolled metals without cleaning the place under welding. Trakt. i sel'khozmash. no.3:37-39 Mr '65. (MIRA 18:5)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.

NOGIN, M.V., inzh.; SHMYREVA, L.M., inzh.

Spot welding of hot-rolled metal without preliminary cleaning.
Svar. proizv. no.3:15-17 Mr '65. (MIRA 18:5)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.

KOZLOV, P.V.; BAKEYEV, N.F.; ZEZIN, A.B.; SHMYREVA, R.K.

Electron microscope study of the supermolecular structure of poly-γ'-benzyl-L-glutamate and poly-γ'-methyl-L-glutamate. Biofizika 7 no.3:266-269 '62. (MIRA 15:8)

1. Khimicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta imeni Lomonosova.
(GLUTAMIC ACID) (STEREOCHEMISTRY)

KOZLOV, P.V.; BAKEYEV, N.F.; SHMYREVA, R.K.; ZEZIN, A.B.

Electron microscope study of the supermolecular structure of poly-γ-benzyl-L-glutamate. Dokl. AN SSSR 143 no.4:905-907 Ap '62. (MIRA 15:3)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno akademikom V.A.Karginym.
(Glutamic acid) (Electron microscopy) (Peptides)

Shmyreva, T. V.

AG The influence of methods of applying superphosphate and supplementary fertilizer ingredients on the utilization of phosphorus by plants. I. V. Gulyakin, P. M. Smirnov, B. P. Pleshkov, and T. V. Shmyreva (K. A. Timiryazev Agr. Acad., Moscow). *Pochvovedenie* 1955, No. 7, 23-30.—Plot expts. were conducted with oats and potatoes to study the influence of superphosphate, contg. tagged P mixed with manure and limestone, on the intake of P by plants. Deep incorporation of the phosphates is utilized more efficiently than shallow incorporation. The latter method gives better utilization of P in the early stages of growth, whereas the former method gives better utilization in the later stages of growth. The best method of supplying P is some row application and deep incorporation of phosphates. Mixed with manures, the P application gives better results in the later stages of growth than without manure. Limestone reduces the intake of P. Addns. of NH_4NO_3 when placed in the row decreases the intake of P in the early stages of growth and increases it in the later stages. 32 references.

J. S. Joffe

(3)

J

USSR / Soil Science. Mineral Fertilizers.

Abs Jour: Ref Zhur-Biol., No 7, 1958, 29494.

Author : Gulyakin, I.V., Smirnov, P.M. Pleshkov, B.P., Shmyreva, T.V.

Inst : ~~Not given.~~

Title : Plant Phosphorous Uptake in Relation to the Methods of Application of Superphosphate and Accompanying Fertilizers. (Postupleniye fosfora v rasteniya v zavisimosti ot sposobov vneseniya superfosfata i soputstvuyushchikh udobreniy).

Orig Pub: Dokl. Mosk. s.-kh, akad. im K. A. Timiryazeva, 1956, vyp. 22, 304-314.

Abstract: The effect of the methods and depth of application on plant P absorption and the role of organic substances, lime and other fertilizers when applied together with P_c were studied in

23

Card 1/3

PLESHKOV, B.P.; SHMYREVA, T.V.; IVANKO, Sh.

Variation of free amino acid concentration in corn leaves and roots under different conditions of nutrition. Fiziol.rast. 6 no.6:668-678 N-D '59. (MIRA 13:4)

1. Department of Agricultural and Biological Chemistry, K.A. Timiriazev Agricultural Academy, Moscow.
(Amino acids) (Corn (Maize)) (Plants--Nutrition)

PLESHKOV, B.P.; SHMYREVA, T.V.; IVANKO, Sh.

Rate of amino acid metabolism in plants. Biokhimiia 24 no.3:408-413 My-Je '59. (MIRA 12:9)

1. The Agricultural Academy, Moscow.
(PLANTS, metab.
amino acids (Rus))
(AMINO ACIDS, metab.
plants (Rus))

MARKOVA, Z.S.; KRONGAUZ, Ye.A.; SHMYREVA, T.V.; GANDMAN, M.G.; BUDNITSKAYA, Z.S.

Non-germinating properties of the spores in a Bac. megatherium var. phosphaticum culture. Mikrobiologiia 31 no.1:103-110 Ja-F '62. (MIRA 15:3)

1. Moskovskogo otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta sel'skokhozyaystvennoy mikrobiologii.
(BACILLUS MEGATHERIUM)

SHN[illegible], T.[illegible]

Morphology of [illegible] in [illegible]. [illegible] (MIRA 18:5)
no.4:40-45 '65.

1. Kafedra [illegible] anatomii [illegible] - deystvitel'nyy chlen AMN [illegible] Moskovskogo meditsinskogo instituta [illegible].

G.I., Ye.I.; SHAYKO, A.V.; KRASNOPOL'SKAYA, V.S.

Phases of spore germination of various cultures of Bacillus megaterium var. phosphaticum. Mikrobiologiia 34 no.1:65-72 Ja-F '65. (MIRA 18:7)

1. Leningradskoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta sel'skokhozyaystvennoy mikrobiologii.

SHMYROV, P.

Let's strengthen contacts between school and industry. Sov. profsoiuzy 16 no.18:13-15 S '60. (MIRA 13:10)

1. Sekretar' TSentral'nogo komiteta profsoyuza rabotnikov prosveshcheniya, vysshey shkoly i nauchnykh uchrezhdeniy.
(Education, Cooperative)

Shmyrov, P.V.

3-58-2-1/33

AUTHOR: Shmyrov, P.V., Secretary of the Central Committee of the Professional Union of Educational Workers of Higher Schools and Scientific Institutions of the USSR

TITLE: The Fighting Program of the Profsoyuz Activity at Higher Schools (Boyevaya programma deyatel'nosti profsoyuza v vysshey shkole)

PERIODICAL: Vestnik Vysshey Shkoly, 1958, # 2, pp 3-7 (USSR)

ABSTRACT: The article describes the organizational and educational activity of the Professional Union in the higher schools. The Union is influential in placing teachers, and participates in the work of commissions conducting competitive entrance examinations. Representatives are members of vuz councils, faculties and admittance commissions. They have done much to improve student education. The amalgamation of the Professional Union of professors and instructors with that of the students, has worked well.

The author mentions some instances in which the Profsoyuz has influenced decisions of the Ministry of Higher Education, as regards competitive examinations.

The Profsoyuz organizations will take a real interest in

Card 1/2

SHMYROVA, A. M.

SHMYROVA, A. M.: "Improving the cleaning of air entering a tractor engine by removing dust with the exhaust gases." Min Higher Education USSR. Chelyabinsk Inst of Mechanization and Electrification of Agriculture. Chair of "Tractors and Automobiles." Chelyabinsk, 1956.
(Dissertation for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya letopis', No 23, 1956

SHMYROVA, A.M., kand. tekhn. nauk

Investigating the screened inertia air cleaner for the KDM-100 engine. Izv. vys. ucheb. zav.; mashinostr. no.12:90-94 '64. (MIRA 18:3)

1. Chelyabinskiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.

MOZGOVOY, A.A., POPOVA, T.I., SHALAYEVA, N.M., SHMYTOVA, G.Ya.

In defense of the specific independence of some ascarids parasitic in man and animals. Trudy Gel'm. lab. 10:153-165 '60. (MIRA 13:7)

(ASCARIDS AND ASCARIASIS)

SHMYTOVA, G.Ya.

Development of Ascarops strongylina (Rudolphi, 1819) in the organism of its intermediate host. Trudy Gel'm.lab. 11:363-372 '61. (MIRA 15:12)

(Ascarops—Host animals)

SHMYTOVA, G.Ya.

Role of Coprophaga in the epizootiology of some Spirura infections of domestic animals. Trudy Gel'm. lab. 12:331-344 '62. (MIRA 15:7)

(Nematoda) (Insects as carriers of disease)

IVASHKIN, V.M., doktor veter. nauk; KHROMOVA, L.A., mladshiy nauchnyy sotrudnik; SHMYTOVA, G.Ya., mladshiy nauchnyy sotrudnik

Stephanofilariasis in cattle. Veterinariia 40 no.8:36-39 Ag '63. (MIRA 17:10)

1. Gel'mintologicheskaya laboratoriya AN SSSR.

IVASHKIN, V.M.; KHROMOVA, L.A.; SHMYTOVA, G.Ya.

Deciphering the developmental cycle of the nematode Stephanofilaria stilesi Chirwood, 1934, a parasite of the skin of ruminants. Dokl. AN SSSR 153 no.5:1223-1224 D '63.
(MIRA 17:1)

1. Gel'mintologicheskaya laboratoriya AN SSSR. Predstavleno akademikom K.I. Skryabinym.

SHMYTOVA, G.Ya.

Morphological characteristics of Spirurata parasitizing in the stomach of swine. Trudy Gel'm. lab. 14:285-287 '64. (MIRA 17:10)

Study of the ontogenetic development of the nematode Ascarops strongylina. Ibid.:288-301

IVASHKIN, V.M.; KHROMOVA, L.A.; SHMYTOVA, G. Ya.

Significance of biological characters in the taxonomy of some Filarioidea. Trudy Gel'm. lab. 15:79-81 '65 (MIRA 19:1)

PRUSAKOVA, I.R.; SHNABEL', A.D.

Method for reducing the penetration of carbamide glues. Der. prom. 14 no.6:24 Je '65. (MIRA 18:7)

KAURICHEV, I.S.; FEDOROV, Ye.A.; SHNABEL', I.A.

Applying continuous paper electrophoresis in separating humic acids. Pochvovedenie no.10:31-36 '60. (MIRA 13:10)

1. Timiryazevskaya sel'skokhozyaystvennaya akademiya.
(Paper electrophoresis) (Humic acid)

SHNAREVICH, I.D.; IZMAYLOVA, L.M.; IVANCHIK, G.S.

Effect of rafting and industrial waste on the bottom fauna and fish productivity of the upper and central Prut River. Gidrobiol. zhur. 1 no. 6:20-27 '65 (MIRA 19:1)

1. Chernovitskiy gosudarstvennyy universitet, laboratoriya prirodnykh resursov Karpat.

LIBERMAN, A.L.; SHNABEL', K.Kh.; KAZANSKIY, B.A.

Effect of the method of preparing platinized coal on its activity in C_5 -dehydrocyclization of paraffins and dehydrogenation of cyclohexane hydrocarbons. Part 2: Influence of platinum reduction conditions. Kin.i kat. 2 no.4:547-552 Jl-Ag '61. (MIRA 14:10)

1. Institut organicheskoy khimii imeni N.D.Zelinskogo AN SSSR.
(Platinum) (Catalysis) (Dehydrogenation)

SHNAIDER, Ye.B.

Side effects of butadion. Klin. med. 38 no. 2:138-139 F '60. (MIRA 14:1)

(PYRAZOLIDINEDIONE)

SHNAK, Fridrikh

Red soil island. Vokrug sveta no.9:38-41 S'55. (MIRA 8:12)
(Madagascar--Description and travel)

SHNAPIR, L. M.

SHNAPIR, L. M. - "Open and Closed Injuries of the Liver in Peace and War." Sub 25 Mar 52, Central Inst for the Advanced Training of Physicians. (Dissertation for the Degree of Doctor in Medical Sciences).

SO: Vechernaya Moskva January-December 1952

ARUTYUNOV, V.D.; SHNAPER, L.M. (Moskva)

Case of chronic radiation sickness. Vest.rent. i rad. 32 no.2:70-73 Mr-Ap '57. (MLRA 10:8)

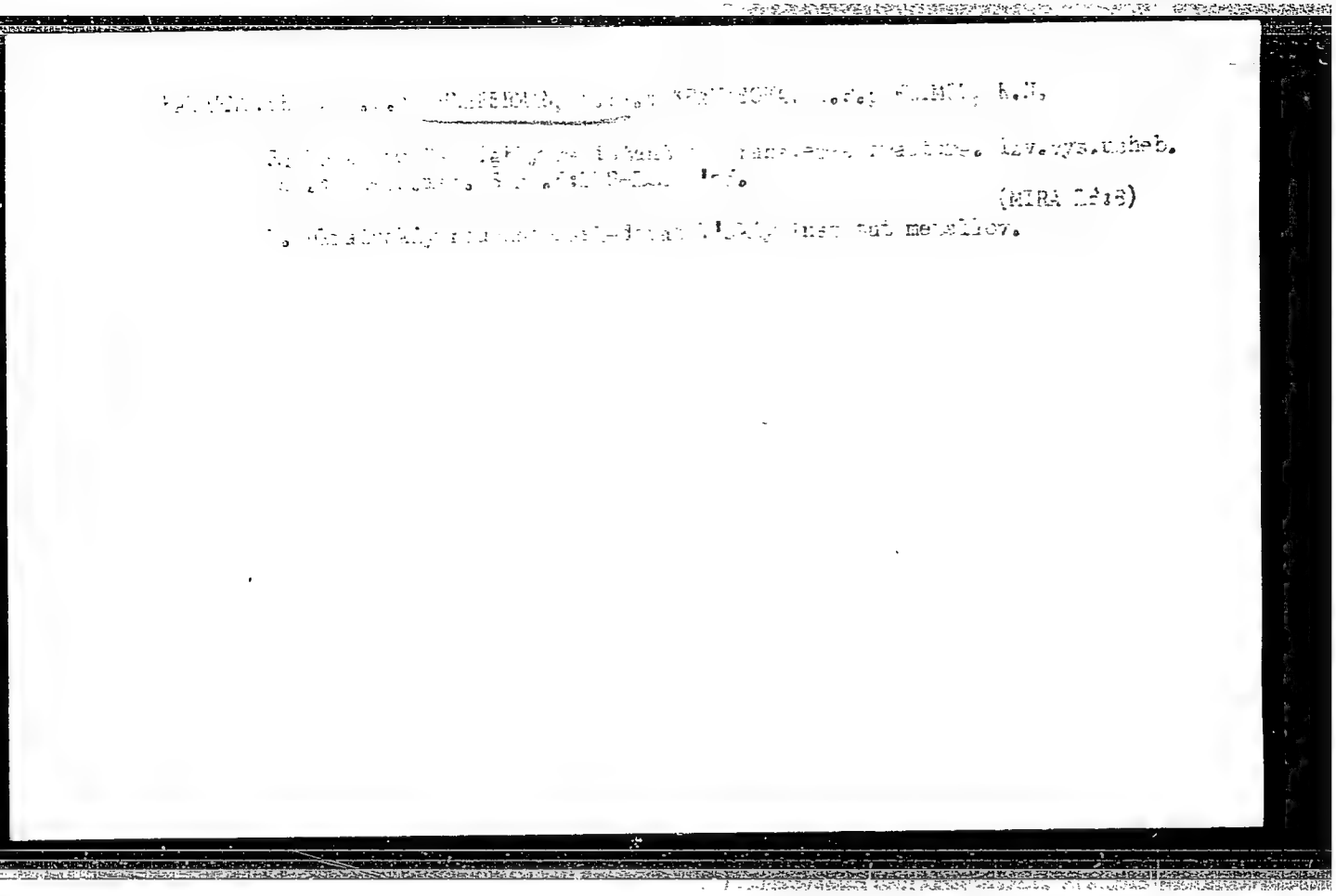
1. Iz khirurgicheskogo i patologoanatomicheskogo otdeleniya gorodskoy bol'nitsy No.29 imeni Baumana (glavnyy vrach N.G.Orlov)

(CERVIX NEOPLASMS, therapy,
x-ray, causing chronic radiation sickness (Rus))
(ROENTGEN RAYS, injurious effects,
radiation sickness, chronic, in ther. of cervical tumor (Rus))

SHNAPER, L.M., kand.med.nauk

Closed lesions of the kidneys. Urologiia 25 no.1:52-56 Ja-F '60. (MIRA 15:6)

1. Iz khirurgicheskogo otdeleniya (zav. - prof. B.S. Rozanov) Moskovskiy klinicheskoy bol'nitsy imeni S.P. Botkina.
(KIDNEYS--WOUNDS AND INJURIES)



(MIRA 12:8)

KAZARNOVSKIY, D.S., doktor tekhn. nauk; GERSHGORN, M.A., inzh.; SVIRIDENKO, F.F., inzh.; KRAVTSOVA, I.P., inzh.; SHNAPERMAN, L.Ya., inzh.

Development, adoption, and introduction of a low-alloy steel for heavy type railroad rails. Stal' 25 no.4:355-357 Ap '65. (MIRA 18:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut metallov i zavod "Azovstal'".

RASHKOV, S.Ye.; ISAYEV, A.M.; OSTROVSKIY, A.P.; SHNAPIR, Ya.I.; MALYSHEV, V.Ya.; BORISOV. B.V.

Method of fire drilling. Gor. zhur. no.7:76 Jl '62. (MIRA 15:7)
(Boring machinery)

SHNAPIR, Ya.I.

Investigating forced jet piercing in the Altyn-Topkan and Krivoy Rog pits. Trudy UNIIBT no.10:40-53 '63.

Jet piercing abroad; bulletin No.3. Ibid.:148-156
(MIRA 17:4)

BRICHKIN, A.V.; POGREB, V.I.; SHNAPIR, Ya.I.

Theoretical evaluation of the nature of the stresses, deformations, and heat transfer conditions in a rock in the presence of forced heat flows. Trudy VNIIBT no.10:136-147 '63. (MIRA 17:4)

SHNAPIR, Ye., red.; KASHIRIN, A., tekhn. red.

[Dies for sheet-metal work: parts and units; design and over-all dimensions] Shtampy dlia kholodnoi shtampovki: Detali i uzly; konstruktsiia i ispolnitel'nye razmery. Moskva, Gos. izd-vo standartov, 1960. 196 p. (MIRA 14:12)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut po normalizatsii v mashinostroyenii.
(Dies (Metalworking))

SHNAPIR, Ye., red.; KASHIRIN, A., tekhn. red.

[One-piece cutters and rim saws] Frezy tsel'nye i pily segmentnye. Moskva, Gos. izd-vo standartov, 1960. 84 p.
(MIRA 15:3)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut po normalizatsii v mashinostroyenii.
(Metal-cutting tools--Standards) (Circular saws--Standards)

SHNAPIR, Ye.B., red.; KASHIRIN, A.G., tekhn. red.

[Molds for pressure-forming of articles from thermosetting plastics; detachable molds. Parts and units; design and specification]Press-formy dlia pressovaniia izdelii iz reaktoplastov: Press-formy s"emnye. Detali i uzly; konstruktsiia i ispolnitel'nye razmery. Moskva, Standartgiz, 1961. 182 p. (MIRA 15:9)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut po normalizatsii v mashinostroyenii.
(Plastics--Molding)

SHAPIR, Ye.B., red.; RASHEVSKAYA, Ye.Z., tekhn. red.

[Dies for sheet-metal work; punches and lower dies for piercing square and oval holes (MN 2738-61 - MN 2749-61)] Shtampy dlia kholodnoi shtampovki; puansony i matritsy dlia probivki kvadratnykh i oval'nykh otverstii (MN 2738-61 - MN 2749-61). Moskva, Standartgiz, 1962. 55 p. (MIRA 15:10)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut po normalizatsii v mashinostroyenii.
(Dies (Metalworking))--Standards)

SHNAPIR, Ye.B., red.; MATVEYEVA, A.Ye., tekhn. red.

[Auxiliary tools for gear-milling and gear-shaping machines] Instrument vspomogatel'nyi dlia zubofrezernykh i zubodolbezhnykh stankov. (MN 3487-62 - MN 3515-62). Moskva, Standartgiz, 1963. 98 p. (MIRA 17:2)

1. Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov.

SHNAPIR, Ye.B., red.; MATVEYEVA, A.Ye., tekhn. red.

[Noncorrected spur gears with a module from 1,5 to 8 mm.] Kolesa zubchatye tsilindricheskie nekorrigirovannye s modulem ot 1,5 do 8mm (MN 2793-61 - MN 2865-61). Moskva, Standartgiz, 1963. 267 p. (MIRA 17:3)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut po normalizatsii v mashinostroyenii.

L 44712-66 EWT(d)/EWT(m)/EWP(c)/EWP(k)/EWP(h)/T/EWP(v)/EWP(t)/EWP(l)/ETI IJP(c)

ACC NR: AP6030744 JD SOURCE CODE: UR/0028/65/000/012/0029/0030

43
30
B

AUTHOR: Shnapir, Ye. B.

ORG: VNIINMASH

TITLE: Inspection for machine tools

SOURCE: Standartizatsiya, no. 12, 1965, 29-30

TOPIC TAGS: machine tool, metal cutting machine tool, machine tool industry, quality control

ABSTRACT: Awards gained at various international expositions notwithstanding, the Soviet machine tool industry suffers from many ills, the most serious being lack of precision. Chronic inability to manufacture high-precision machine tools is compelling the Soviets to procure from the West such precision units as diamond boring machines, diamond honing machines, and copying lathes.

During the past three years, the Ryazan' Machine Tool Plant received over 250 complaints regarding the quality of its production. These complaints are significant, since they prove that in terms of quality of manufacture, as well as in terms of finish, many Soviet machine tools

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ACC NR: AP6030744

are inferior to those manufactured abroad. In May 1965, the Administration for State Inspection together with the Administration for Machinery Manufacturing, VNIINMash, VNIIGK, and local agencies of the State Committee on Standards surveyed several dozen machine tool manufacturing plants. This survey was a continuation of a survey that originated with the State Committee in August 1964. Data collected showed that many plants turn out machine tools not corresponding to State standards. Violations of standards were noted in the Klin and Chita plants, the Leningrad Plant imeni Sverdlov, the Moscow Jig Borer Plant, and others. While most Western machine tool manufacturers stay within 40 to 50 per cent of the tolerance limits, Soviet manufacturers use the full limit, with the result that after prolonged work, such machine tools lose their precision and have to be completely overhauled.

The survey also ascertained that the substandard quality of machine tools stems from low levels of manufacturing technology; existence of limitations on the use of high-quality materials in short supply, e. g., trade mark cast irons, alloyed steels, and tin bronzes; and an inadequate supply of measuring instruments. Especially detrimental to the service life and precision of machine tools are inferior bearings, motors, electrical and hydraulic equipment, industrial rubber compounds, etc.

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L 44712-66

ACC NR: AP6030744

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It was found that in terms of engineering parameters, only 79 per cent of the production of the machine tool and cutting tool industry of Moscow equals similar Western-made goods and only 40 per cent could match the service life of foreign-made equipment.

Individual instances of improvement in the quality of production have been noted recently in several machine tool manufacturing plants, yet these efforts appear to be only fractional. One of the reasons appears to be the absence of set requirements from the Division for Technical Control (OTK) and weak efforts in the area of defect prevention. Machine tool plants suffer from an acute shortage of precision measuring instruments. Specifically, the Shaulyay Precision Machine Tool Plant is in dire need of "Taylorund" instruments and MS-51 microscopes for inspection of surface finish. The above plant also needs finishing equipment, etc.

Standardization services are either nonexistent, as is the case in the entire Leningrad area, or understaffed as in the Moscow "Mosstankoliniya" Plant, where only 1.8 per cent of the designers and engineers are concerned with standards and specifications. [ATD PRESS: 4186-F]

SUB CODE: 13 / SUBM DATE: none

Card 3/3 hs

PAVLINOVA, A.V.; SHNAREVICH, A.I.

Composition and stability of a citrate compound of manganese.
Zhur. neorg. khim. 5 no. 12:2759-2763 D '60. (MIRA 13:12)
(Manganese compounds) (Citric acid)

SHNAREVICH, A. I.

Cand Chem Sci - (diss) "Complex compounds of manganese(II) in citrates and tartrates." Chernovtsy, 1961. 15 pp; (Ministry of Higher and Secondary Specialist Education Ukrainian SSR, Odessa State Univ imeni I. I. Mechnikov); 200 copies; price not given; (KL, 6-61 sup, 200)

LOPUSHANSKIY, A.I.; SHNAREVICH, A.I.

Polarographic behavior of betaine alkyl esters. Zhur. ob. khim. 34 no.10:3153-3156 O '64. (MIRA 17:11)

1. Chernovitskiy meditsinskiy institut.

SHRAREVICH, D. I.

Shrarevich, D. I.

"Methods of setting up counting schemes for relay-system automatic telephone stations." Min Railways USSR. Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obraztsov. Leningrad, 1956. (Dissertation for the Degree of Candidate in Technical Science.)

Knizhnaya Letopis'
No. 18, 1956. Moscow.

SOV/112-59-3-5406

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 3, p 158 (USSR)

AUTHOR: Shnarevich, D. I.

TITLE: Transformation of Relay Schemes by Introducing Additional Windings on the Relays (Preobrazovaniye releynykh skhem metodom vvedeniya na rele dopolnitel'nykh obmotok)

PERIODICAL: Sb. Leningr. in-ta inzh. zh.-d. transp., 1958, Nr 158, pp 318-324

ABSTRACT: Fundamental laws of scheme transformation comprising contact circuits and windings, with a constant number of windings, are presented. The possibility is shown for introducing new windings into a scheme which has no counter-acting windings. Considering that a counter-acting winding (denoted by the tilda sign, like $\widetilde{X}$) kills the action of the fundamental winding (without the tilda), equivalence expressions are suggested, the so-called laws of compensation: $X = X^1 + \widetilde{X}^2 + X^3 - \ldots + \widetilde{X}^{2n} + X^{2n-1}$; $X = X^1\widetilde{X}^2X^3, \ldots\ldots$, $\widetilde{X}^{2n}X^{2n-1}$, where $X^1, X^3, \ldots\ldots, X^{2n-1}$ and $\widetilde{X}^2, \widetilde{X}^{2n}$ are the acting and

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SOV/112-59-3-5406

Transformation of Relay Schemes by Introducing Additional Windings on the Relays

counter-acting windings numbered in any sequence by odd and even numbers respectively. On the above grounds, these distributive laws for relay schemes are deduced:

$$(a + b)X = aX + bX + ab\tilde{X};$$
$$ab + X = (a + X)(b + X)(a + b + \tilde{X})$$
$$(aX + bY)Z = aXZ + bYZ + ab\tilde{Z}.$$

In addition, equivalences are introduced which permit transition to an inverse contact circuit: $aX + X\tilde{X} = \bar{a}\tilde{X} + X$; $(\bar{a} + X)X\tilde{X} = (a + \tilde{X})X$ and a few other equivalences. Use of the above equivalences is illustrated by the transformation of a binary-counter scheme. Bibliography: 12 items.

V.N.R.

Card 2/2

SHNAREVICH, D. I. Cand Tech Sci -- "Methods of structural transformations of relay ~~circuits~~ systems with ~~additional~~ supplementary windings and their use in the telephone ~~circuit~~ system synthesis." Len, 1961. (Len Order of Lenin Inst of Engineers of Railroad Transport im Academician V. N. Obraztsov). (KL, 4-61, 203)

SEGAL', Apollon Moiseyevich; BRON, O.B., doktor tekhn. nauk, prof.; ORANSKIY, M.I., kand. tekhn. nauk, dots., retsenzent; SHNAREVICH, D.I., kand. tekhn. nauk, dots., retsenzent; VOL'PE, L., red.

[Electromagnetic field, Theoretical principles of electrical engineering] Elektromagnitnoe pole, TOE. Leningrad, Severo-Zapadnyi zaochnyi politekhn. in-t, 1964. 71 p. (MIRA 18:11)

MAKUSHENKO, N.A.; SHNAREVICH, I.D.

Distribution and ecology of certain species of game animals in Chernovtsy Province. Nauk.zap.L'viv.nauk.pryrod.muz. AN URSR 3: 77-90 '54. (MLRA 8:5)

(Chernovtsy Province--Game and game birds)

MARTYNOVSKIY, V.S., doktor tekhn.nauk, prof.; MEL'TSER, L.Z., kand.tekhn. nauk; SHNAYD, I.M., inzh.

Energy efficiency of different types of cold generators. Khol. tekh. 38 no.6:11-16 N-D '61. (MIRA 15:1)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti.
(Refregeration and refrigerating machinery)

SHNAYD, I.M., inzh.

Maximum refrigerating capacity of electrodynamic compressors. Trudy OTIPiKhP 12:33-86 '62. (MIRA 17:1)

1. Kafedra kholodil'nykh mashin Odesskogo tekhnologicheskogo instituta pishchevoy i kholodil'noy promyshlennosti.

MARTYNOVSKIY, V.S.; SHNAYD, I.M.

Decrease of irreversible losses in high-temperature insulation. Teplofiz. vys. temp. 2 no.5:831-834 S-O '64. (MIRA 17:11)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti.

UR/0143/66/000/010/0073/0077

AUTHOR: Martynovskiy, V. S. (Doctor of technical sciences, Professor); Mol'tsor, L. Z. (Candidate of technical sciences, Docent); Shnayd, I. M. (Candidate of technical sciences)

ORG: Odessa Technological Institute for the Food and Refrigeration Industries (Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti)

TITLE: Thermal insulation with minimal exoergic losses

SOURCE: IVUZ. Energetika, no. 10, 1966, 73-77

TOPIC TAGS: thermal insulation, entropy, irreversible thermodynamics, heat transfer coefficient, heat conductivity coefficient

ABSTRACT: The magnitude of the exoergic losses, E, in insulation in unit time is determined by the following expression:

$$E = T_s \frac{dS}{dt}, \qquad (1)$$

where T_S is the temperature of the surrounding medium; S is the entropy arising in the insulation; t is the time. Minimal exoergic losses exist in an insulating construction with a minimum rate of entropy formation, dS/dt. In the one-dimensional case considered in the article, the quantity dS/dt is determined by the methods of

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non-equilibrium thermodynamics as

$$\frac{dS}{dt} = F \int_0^l \lambda (T) \left(\frac{1}{T} \cdot \frac{dT}{dx} \right)^2 dx; \qquad (2)$$

where F, l are, respectively, the area and the thickness of the insulating construction; x is a coordinate, calculated in a direction normal to the isothermal planes in the insulation; T is the absolute temperature; λ (T) is the heat conductivity coefficient of the insulation. From the mathematical solution of the above problem, the following conclusions are drawn: 1) the conditions for a minimum in the exoergic losses are a result of irreversible heat transfer in the heat insulation, and are determined by the nature of the heat conductivity coefficient λ (T); 2) if λ does not depend on the temperature, or if it decreases with a decrease in the temperature, the absence of heat removal from the insulation is a necessary condition for the attainment of minimum exoergic losses. Orig. art. has: 15 formulas and 1 figure.

SUB CODE: 11, 20/ SUBM DATE: 29Nov65/ ORIG REF: 003/ OTH REF: 002

VIKHOREV, C.A., inzh.; SHNAYD, I.M.

Experimental electrodynamic compressor for household refrigerators. Khol.tekh. 40 no.1:17-20 Ja-F '63. (MIRA 16:3)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti.
(Refrigeration and refrigerating machinery) (Compressors)

SHNAYDER, B. I.

Mbr., Lab. Metallophysics, Inst. Organic Chemistry, Dept. Physico-Math. & Chem. Sci., Ukr. Acad. Sci., -c1949-. "The Generation of Crystallization Centers in Supercooled Liquids: (IX. The Emergence of Crystallization Centers of Alpha-Salol in Rock Salt Particles)", Zhur. Eksper. i Teoret. Fiz., 19, No. 10, 1949.

SHNAYDER, B.I., inzh.; SHENKAR, S.Ye., inzh.

Zinc plating of shoe nails with the diffusion method. Kozh.-obuv.prom. 2 no.2:26-27 F '60. (MIRA 13:5)
(Metals--Diffusion coatings)
(Nails and spikes)

C. A. SHNAYDEN, V. I.

26

Photometric control of the transmittancy of semitransparent layers. V. I. Shnaiden. *Zavodskaya Lab.* 16, 501 (1950).—A photoelec. device is described for use during deposition of coatings by evapn. under vacuum. C. F.

SHNAYDER, M.S.; SHNAYDER, A.A.

Textural and structural characteristics and the mineral paragenesis of ores in the Kamyshovoye deposit. Trudy Alt.GMNII AN Kazakh.SSR 16:158-171 '63. (MIRA 17:10)

MYAGKOV, Vasiliy Dmitriyevich; PEREL'MAN, G.B., inzh., retsenzent; SHNAYDER, A.M., inzh., retsenzent; RUNICH, K.N., inzh., red.; ONISHCHENKO, R.N., red. izd-va; SHCHETININA, L.V., tekhn. red.

[Brief manual for machinery designers] Kratkii spravochnik konstruktora. Moskva, Mashgiz, 1961. 543 p. (MIRA 15:2)
(Machinery—Design)

SHNAYDER, B.I., inzhener.

Automatic welding of the hoisting cranes "Pioner-2". Avtog. delo 24 no.6: 18-19 Je '53. (MLRA 6:5)

(Electric welding) (Cranes, Derricks, Etc.)

Schnayder, B. I.

AID P - 997

Subject : USSR/Engineering

Card 1/2 Pub. 11 - 11/13

Author : Schnayder, B. I.

Title : Scientific and Technical Conference dedicated to the 100th anniversary of the birth of N. G. Slavyanov

Periodical : Avtom. svar., #5, 91-94, S-O 1954

Abstract : General information is given on the subjects of the presented papers and the resolutions adopted. The major thesis of the Conference was that electric welding was originated by N. N. Benardos and N. G. Slavyanov on the basis of the discovery of the electric arc in 1802 by the Academician V. V. Petrov. Other papers and resolutions are related to general outlines of automatic and semi-automatic methods of welding, welding under ceramic flux and slag, vertical arc and multi-arc welding, nonferrous metal welding and apparatuses.

Institutions: Institute of Electric Welding im. E. O. Paton; Kharkov,

AID P - 997

Avtom. svar., #5, 91-94, S-O 1954

Card 2/2 Pub. 11 - 11/13

Kiyev and Dnepropetrovsk branches of the All-Union Scientific Society of Engineers, Technicians and Welders; Kuybyshev Polytechnic Institute; Sverdlov Polytechnic Institute; Leningrad Polytechnic Institute.

Submitted : No date

SHNAYDER, B. I.

USSR/Engineering - Welding equipment

Card : 1/1 Pub. 128 - 19/32

Authors : Shnayder, B. I.

Title : Concerning welding of a thin sheet-steel, with a TS-17 welder.

Periodical : Vest. mash. 34/7, 64 - 65, July 1954

Abstract : References are given on welding of a thin sheet-steel, with a TS-17 welder. The welder was designed and constructed in 1948, by the "E. O. Paton" Institute of Electrical Welding of the AS of the USSR. The structure, operation and performance of the above mentioned machine, is described. Diagrams.

Institution : ...

Submitted : ...